

EUGENE SCHOOL DISTRICT 4J

Engineering SUMMER School

July 7–August 1

NEW from STEM! Explore engineering and robotics this summer

Eugene 4J's Science, Technology, Engineering and Math (STEM) program is offering a new opportunity for high-performing students. A first of its kind in the Eugene Metro area, these for-credit summer courses for 10th–12th graders offer design and robotics experience.

Students will work in problem-solving teams and have a chance to compete for project design and function. The courses are designed to apply basic engineering, math and science principles learned in previous high school courses. Students may take one or both courses. **Each course is 0.5 credits.**



Requirements

- Open to all 10th–12th grade students, from any school, including home school.
- A student should be comfortable with and competent in algebra concepts.
- Students are expected to fully attend the course in which they enroll.
- Courses include projects that will require time both in and out of class plus an additional project that must be completed for credit.

Eugene School District 4J
200 N. Monroe Street, Eugene
541-790-7568

www.4j.lane.edu



Course 1: Applied Engineering Principles

Explore specific areas of engineering with a structured design process. The team and individual activities will require students to demonstrate proficiency in real-world problem solving, project design and application, and communication using industry standards.

Course 2: Applied Robotic Principles

Apply principles of robotics in a lab setting. Students will receive background knowledge to complete a complex robotic problem. The team and individual activities will require students to demonstrate proficiency in understanding robotic concepts and application.

Fee: \$375 per course. Limited scholarships are available.

When: Monday–Friday, July 7–Aug. 1, 2014

Engineering: 8:00–11:30 a.m.

Robotics: 12:00–3:30 p.m.

Where: STEM Building, Churchill High School campus

For questions and to enroll:

Contact Kim Finch at 541-790-7568
or finch_k@4j.lane.edu

